

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1 1. (Currently Amended) A communication system comprising a radio unit, several terminal
2 equipments and a local administration server, wherein the radio unit comprises:
3 a first communication interface with the terminal equipments, a second
4 radiocommunication interface with a cellular network, a module for identifying a subscription to
5 the cellular network and means for transferring multiple user streams between the cellular
6 network and the respective terminal equipments ~~connected to the first interface~~ through said
7 radio unit and within the framework of ~~[[the]]~~ said subscription identified by said module, and
8 wherein the local administration server comprises means of communication with the terminal
9 equipments, independent of the cellular network, to supervise the interchanges over the first
10 communication interface.

1 2. (Previously Presented) The system as claimed in claim 1, wherein a communication
2 between the local administration server and a terminal equipment is made via the radio unit.

1 3. (Previously Presented) The system as claimed in claim 1, wherein said first
2 communication interface is a radio interface.

1 4. (Previously Presented) The system as claimed in claim 1, wherein at least certain of said
2 multiple user streams between the cellular network and the respective terminal equipments are
3 simultaneous.

1 5. (Previously Presented) The system as claimed in claim 1, wherein at least certain of said
2 multiple user streams between the cellular network and the respective terminal equipments are
3 handled in packet mode.

1 6. (Previously Presented) The system as claimed in claim 1, wherein at least certain of said
2 multiple user streams between the cellular network and the respective terminal equipments are
3 handled in circuit mode.

1 7. (Previously Presented) The system as claimed in claim 1, wherein the radio unit or the
2 terminal equipments comprise means of measuring an activity relating to the interchanges over
3 the first communication interface.

1 8. (Previously Presented) The system as claimed in claim 7, wherein the means of
2 communication between the local administration server and the terminal equipments comprise
3 means of providing a billing based on said activity measurement relating to the interchanges over
4 the first communication interface.

1 9. (Previously Presented) The system as claimed in claim 8, wherein the terminal
2 equipments comprise means of reading a payment means, information relating to the reading of
3 the payment means being transmitted to the local administration server, and wherein said billing
4 takes into account said information relating to the reading of the payment means.

1 10. (Previously Presented) The system as claimed in claim 1, wherein the means of
2 communication between the local administration server and the terminal equipments comprise
3 means of authenticating said terminal equipments.

1 11. (Previously Presented) The system as claimed in claim 1, wherein the means of
2 communication between the local administration server and the terminal equipments comprise
3 means of activating an encryption on said first communication interface.

1 12. (Previously Presented) The system as claimed in claim 1, wherein the radio unit
2 comprises means of controlling said multiple user streams between the cellular network and the
3 respective terminal equipments connected to the first interface.

1 13. (Previously Presented) The system as claimed in claim 12, wherein said means of
2 controlling the multiple user streams comprise at least one of the following elements: means of
3 scheduling the setting up of said streams, means of managing priorities between the streams,
4 means of managing queuing for setting up said streams and means of managing service quality.

1 14. (Currently Amended) A supervision method in a communication system comprising a
2 radio unit, several terminal equipments and a local administration server, the radio unit
3 comprising a first communication interface with the terminal equipments, a second
4 radiocommunication interface with a cellular network, a module for identifying a subscription to
5 the cellular network and means for transferring multiple user streams between the cellular
6 network and the respective terminal equipments ~~connected to the first interface~~ through said
7 radio unit and within the framework of ~~[[the]]~~ said subscription identified by said module,
8 wherein the local administration server communicates with the terminal equipments,
9 independently of the cellular network, to supervise the interchanges over the first communication
10 interface.

1 15. (Previously Presented) The method as claimed in claim 14, wherein the communication
2 between the local administration server and a terminal equipment is made via the radio unit.

1 16. (Previously Presented) The method as claimed in claim 14, wherein said first
2 communication interface is a radio interface.

1 17. (Previously Presented) The method as claimed in claim 14, wherein at least certain of
2 said multiple user streams between the cellular network and the respective terminal equipments
3 are simultaneous.

1 18. (Previously Presented) The method as claimed in claim 14, wherein at least certain of
2 said multiple user streams between the cellular network and the respective terminal equipments
3 are made in packet mode.

1 19. (Previously Presented) The method as claimed in claim 14, wherein at least certain of
2 said multiple user streams between the cellular network and the respective terminal equipments
3 are made in circuit mode.

1 20. (Previously Presented) The method as claimed in claim 14, wherein a measurement of an
2 activity relating to the interchanges over the first communication interface is made on the radio
3 unit or in the terminal equipments.

1 21. (Previously Presented) The method as claimed in claim 20, wherein the communication
2 between the local administration server and the terminal equipments includes the production of a
3 bill based on said measurement of activity relating to the interchanges over the first
4 communication interface.

1 22. (Previously Presented) The method as claimed in claim 21, wherein the terminal
2 equipments include means of reading a payment means, information relating to the reading of the
3 payment means being transmitted to the local administration server, and wherein said billing
4 takes into account said information relating to the reading of the payment means.

1 23. (Previously Presented) The method as claimed in claim 14, wherein the communication
2 between the local administration server and the terminal equipments includes an authentication
3 of said terminal equipments.

1 24. (Previously Presented) The method as claimed in claim 14, wherein the communication
2 between the local administration server and the terminal equipments includes activation of an
3 encryption on said first communication interface.

1 25. (Previously Presented) The method as claimed in claim 14, wherein said multiple user
2 streams between the cellular network and the respective terminal equipments connected to the
3 first interface are controlled on the radio unit.

- 1 26. (Previously Presented) The method as claimed in claim 25, wherein said control of the
- 2 multiple user streams includes at least one of the following elements: scheduling of the setting up
- 3 of said streams, management of priorities between the streams, a queuing mechanism for setting
- 4 up said streams and service quality management.